



Michigan Department of Community Health, 201 Townsend Street, Lansing, MI 48933

2013 NATIONAL INFLUENZA VACCINATION WEEK

This year's National Influenza Vaccination Week (NIVW) is December 8-14, 2013. The Centers for Disease Control and Prevention (CDC) has designed a [media toolkit](#) to provide information, recommended strategies, and resources to help engage media and encourage seasonal flu vaccination.

CDC HEALTH DISPARITIES & INEQUALITIES REPORT 2013

In 2011, CDC presented the first Health Disparities and Inequalities Report, which assessed disparities across a wide range of diseases, behavioral risk factors, environmental exposures, etc. CDC has just released their second report, which includes [seasonal influenza](#) vaccination coverage in the U.S. for 2009-10 and 2010-11.

ERRORS IN ACIP FLU VACCINE RECOMMENDATIONS

In the Advisory Committee on Immunization Practices' 2013-14 flu vaccination recommendations, three errors occurred. CDC has published [corrections](#).

MICHIGAN IMMUNIZATION TIMELY TIPS NEWSLETTER

The fall 2013 issue of the MI Immunization Timely Tips newsletter has been [released](#). This issue features influenza resources, including information on the influenza sentinel provider program, and other important immunization news.

AVIAN INFLUENZA A (H7N9) ARTICLES

- *Eurosurveillance*: [Spatial and temporal analysis of human infection with avian influenza A\(H7N9\) virus in China, 2013](#)
 - Three spatio-temporal clusters of cases were detected
- [Novartis bird flu jab shows early promise](#)
 - 400-person trial
 - 85% achieved protective immune response after two doses of MF59-adjuvanted vaccine, without adjuvant 6% achieved the same level of response



Happy Thanksgiving!

H5N1 AVIAN INFLUENZA JOURNAL AND NEWS ARTICLES

- [Indonesian woman dies of bird flu](#)
- [Avian influenza A \(H5N1\) virus antibodies in pigs and residents of swine farms, southern China](#)

INFLUENZA-RELATED NEWS ARTICLES

- [New technology shows promise in taking the guesswork out of vaccine development](#)
- [Massachusetts is top state in flu vaccination rates](#)
- [New Zealand experiences mild flu season](#)

INFLUENZA-RELATED JOURNAL ARTICLES

- *AJPH*: [Statewide pandemic influenza vaccination reminders for children with chronic conditions](#)
 - University of Michigan researchers collaborated with MDCH to evaluate a statewide flu vaccination reminder campaign conducted using MCIR during the H1N1 pandemic in 2009-10
 - Reminders were associated with increased H1N1 and seasonal flu vaccination rates
- [Fear the flu, not the shot: Influenza vaccination and Guillain-Barré Syndrome](#)
- [Characterization of regional influenza seasonality patterns in China, implications for vaccination strategies](#)
 - China seems to have complex flu season patterns
 - Research suggests need to stagger timing of vaccination in three broad epidemiological regions
- *Virology Journal*: [Influenza A penetrates host mucus by cleaving sialic acids with neuraminidase](#)
- [The complex relationship of real-space events and messages in cyberspace: Case study of influenza and pertussis using tweets](#)
 - Analyzed influenza, pertussis tweets of 11 US cities
 - Correlation between weekly aggregated tweets and disease occurrence stronger for flu than pertussis
 - 'Flu' tweets more strongly correlated with flu-like illness rates than 'influenza' tweets

FLU WEBSITES

www.michigan.gov/flu
www.cdc.gov/flu
www.flu.gov
<http://vaccine.healthmap.org/>

FluBytes is distributed to MDCH flu partners for informational and communication purposes. Please feel free to distribute widely. Archived editions of FluBytes are available [here](#) and MI FluFocus archives are [here](#).